

STATE OF MINNESOTA

SAAG

DEPARTMENT

MN POLLUTION CONTROL AGENCY

Office Memorandum

TO :

John Craun/Bill Gregg - ERT
Jerry Rick - Soils Exploration
Marc Hult - USGS
George Boyer/Paul Josephson - Hickok and Assoc.
Steve Shakman - Special Asst. Attorney General
Richard Ferguson - MPCA

FROM :

Michael J. Hansel
Regulatory Compliance Section
Solid and Hazardous Waste Division

SUBJECT:

MEETING OF SEPTEMBER 2, 1982 ON W-23

DATE: September 15, 1982

RECEIVED
SEP 15 1982
MPCA
ATTORNEY GENERAL

PHONE:

US EPA RECORDS CENTER REGION 5



515907

Attached is a copy of my minutes from the above meeting, and the projected work plan. Please contact me with any additions or corrections.

Thank you for participating in this meeting. I feel it was very constructive and useful. I look forward to our continued cooperation on this project.

MJH/dc

Attachment

MINUTES
Meeting on W-23

September 2, 1982
1:30 p.m.

Minnesota Pollution Control Agency Offices

Present: John Craun, ERT
William Gregg, ERT
Jerry Rick, Soils Exploration
Marc Hult, USGS
Mike Hansel, MPCA
George Boyer, E. A. Hickok and Assoc.
Paul Josephson, E. A. Hickok and Assoc.
Tom Renner, Renner Well Drilling
Ed Renner, Renner Well Drilling

This meeting was held at the request of ERT to discuss future work on the former Reilly deep well, W-23. The discussion began with definition of the goals or objectives of the work on W-23. The following goals were set out as the original goals by Mike Hansel:

1. To investigate the well and determine what was in it;
2. To clean out the well down to 10 feet below the original bottom of the hole (919 feet);
3. To sample the different aquifers to determine the extent, if any, of contamination;
4. To use the well as a sampling and/or monitoring well.

Two additional goals were added by the group:

5. To obtain site specific hydraulic information on some of the formations (esp. the Eau Claire);
6. To use the well as part of the remedy.

It was agreed that goals 1 and 2 had been partially completed, and further work was stymied because of the stuck bailer at, roughly, 860-840. There was extended discussion of methods for removing the stuck bailer. The Renners thought that the bailer was hung up on or trapped by an old piece of airline or, possibly, a piece of an old pump. (Whatever the obstruction is, it is metal.) The Renners would like to retelevize the hole down to the top of the bailer to see if there is anything to hook onto.

Marc Hult raised the point that in cleaning out the well (second goal) the objective ought not to be simply removal of the bulk of the contaminants, but ought to be reduction of the surface area from which dissolution of contaminants can occur. Because the TV films showed extensive areas of what appears to be tar on the sidewall, it was suggested that the hole be reamed to remove residual contaminants. It was pointed out, however, that reaming should be done only after all work with the inflatable packers are done, since reaming the hole would expand the hole beyond the range of the packers.

Another option considered was the use of sidewall cores to determine the extent of contamination in the formation. Marc Hult is to check on that possibility, while the Renners will check on use of a reamer. Marc was also to send Mike Hansel his logs for reproduction and distribution.

The rest of the afternoon was given to a discussion of a step-by-step plan for future work on well 23. A summary of that plan is attached. It was understood that at each of the major decision points (A, B, and C) there should be a meeting and/or telephone conference to confer and concur on the next steps. Also, if something unexpected occurs or if any of the steps cannot be completed, a meeting and/or telephone conference will be held to determine the next step.

Mike Hansel will coordinate communication between the various groups.

PROJECTED PLAN OF WORK
W-23
Former Reilly Deep Well

